

**Autumnwood ESH Consultants, LLC**

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Phone: 262.237.1130

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7 October 2013

Mr. John Nordine  
U.S. EPA Region 5  
RCRA Enforcement and Compliance Assurance Branch (LU-9J)  
77 West Jackson Boulevard  
Chicago, Illinois 60604

Re: Central Wire, Union, Illinois Monthly Progress Report for September 2013

Dear Mr. Nordine:

Enclosed please find the Monthly Progress Report for the Central Wire facility located in Union, Illinois for the month of September 2013.

The eDMR for the groundwater pump and treat facility for September 2013 and the groundwater elevation data for monitoring well DGW-2I are also included in this report.

If you have any comments or questions regarding the progress of this project, please do not hesitate to call me at (262) 237-1130.

Sincerely,  
**Autumnwood ESH Consultants, LLC**

John W. Thorsen, P.E.

JWT:jt

encl

cc:	Joyce Munie	IEPA
	Robert Kay	USGS
	Gerald W. Ruopp	Central Wire
	Henry Lopes	Central Wire
	Robert Johnson	Central Wire

**MONTHLY PROGRESS REPORT**  
**Central Wire Union, Illinois Site**  
**September 2013**

1. **Progress Made This Reporting Period** – This reporting period Central Wire continued the operation and maintenance of the groundwater extraction and treatment system. Central Wire treated an average of 525,000 GPD with a maximum daily average of 650,000 GPD and met effluent limitations for pH; 1,1,1-TCA; TCE and PCE. The electronic Discharge Monitoring Report (eDMR) for September 2013 is attached to this report.

The groundwater level monitoring data from downgradient monitoring well DGW-2I is currently being collected for 2013. Over the course of the month the water table fluctuated with a low point of about 814.18 feet, msl to a high point of about 814.83 feet for a variation of only 0.65 feet over the month of September.

Ex. 6 Personal Privacy (PP) utilized the Ex. 6 Personal Privacy (PP) well for 77 hours and the Ex. 6 Personal Privacy (PP) well for 28 hours in September 2013 as shown in the table below

**Summary of September 2013 Irrigation at Ex. 6 Personal Privacy (PP)**

Date of Hour Meter Reading	Ex. 6 Personal Privacy (PP) Pump		Ex. 6 Personal Privacy (PP) Pump	
	Hour Meter Reading	Hours Pumped	Hour Meter Reading	Hours Pumped
8/27/2013	5097	0	2920	0
9/3/2013	5125	28	2935	15
9/10/2013	5125	0	2955	20
9/16/2013	5125	0	2970	15
9/23/2013	5125	0	2972	2
10/1/2013	5125	0	2997	25
<b>Totals</b>		28		77

The groundwater elevation recorded data is in a file attached to this report. It provides the groundwater elevations reported in feet above mean sea level and the precipitation that occurred on that day. At the bottom of that file is a graph showing the changes in groundwater elevations over the month, precipitation by week and in what week the Central Sod irrigation pumps were used (hours of use).

2. **Summary of Validated Data and Results** – No samples were collected in September 2013.
3. **Upcoming Events/Activities Planned** – The existing remediation systems will continue to operate as planned.
4. **Anticipated Problem Areas and Recommended Solutions** – None.

5. **Key Personnel Changes** – None.
6. **Target and Actual Completion Dates** – This project has not deviated from the project schedule.